

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of treating dental caries and remineralizing lesions, said method comprising the steps of:

directing a stream comprising an ~~oxidizing~~ ozone gas onto a carious ~~lesions~~ lesion for a period of time sufficient to kill microorganisms within the carious lesion; and
thereafter applying to the lesion a remineralization formulation comprising:

| <u>INGREDIENT</u> | <u>PERCENT W/W</u> |
|---|--------------------|
| Water | 16.5576 |
| Sorbitol 70%NF | 21.5933 |
| Sodium Benzoate NF | 0.5000 |
| PVP | 2.0000 |
| Sodium Tripolyphosphate | 3.0000 |
| Titanium Dioxide | 1.0000 |
| Sodium Monofluorophosphate | 0.2400 |
| Xylitol | 0.4000 |
| Zinc Chloride | 0.7500 |
| Sodium Citrate USP | 2.6000 |
| Methyl Paraben | 0.1200 |
| Dicalcium Phosphate, Dihydrate USP | 12.0000 |
| Glycerin, 99.7% | 17.8890 |
| Carboxymethylcellulose <u>Carboxymethylcellulose</u> | 0.9000 |
| Hydrated Silica | 14.125 |
| Sodium Lauryl Sulfate | 0.6000 |
| Sodium Methyl Cocoyl Taurate | 0.6000 |
| Riboflavin | 0.0001 |
| Flavor | 2.0000 |
| Chlorine Dioxide Solution, 2% | 3.1250 |
| | 100.0000 |

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Currently Amended) A method of treating dental caries and remineralizing lesions, said method comprising the steps of:

directing a stream comprising ~~an oxidizing~~ ozone gas onto a carious lesions for a period of time sufficient to kill microorganisms within the carious lesion; and

thereafter applying to the lesion a remineralization formulation comprising:

| <u>Ingredient</u> | <u>Percent w/w</u> |
|---|--------------------|
| Deionized Water | 93.4800 |
| Sodium Benzoate | 0.3000 |
| Sodium Fluoride | 0.2400 |
| Xylitol | 1.0000 |
| Zinc Chloride | 0.5000 |
| Sodium Citrate | 1.5000 |
| Methylparaben | 0.0800 |
| Sodium Methyl Cocoyl Taurate | 0.7500 |
| Flavor | 0.8000 |
| Poloxamer 407 <u>Poloxamer 407</u> | 1.2500 |
| Citric Acid | 0.1000 |
| | 100.0000 |

Claims 6-27 cancelled.